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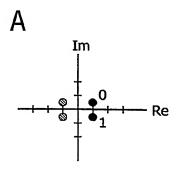
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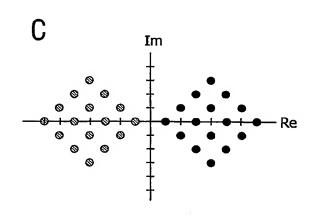
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(54) Title: BACKWARD COMPATIBLE MULTI-CARRIER TRANSMISSION SYSTEM





(57) Abstract: The transmission system is backward compatible with a former transmission system (DVB-T), enabling a receiver of the former system to receive signals transmitted by a transmitter of the new transmission system. A new modulation is used to transmit additional information bits corresponding to a new service. The new modulation is specified by a combination of the former modulation with a new-built over modulation.